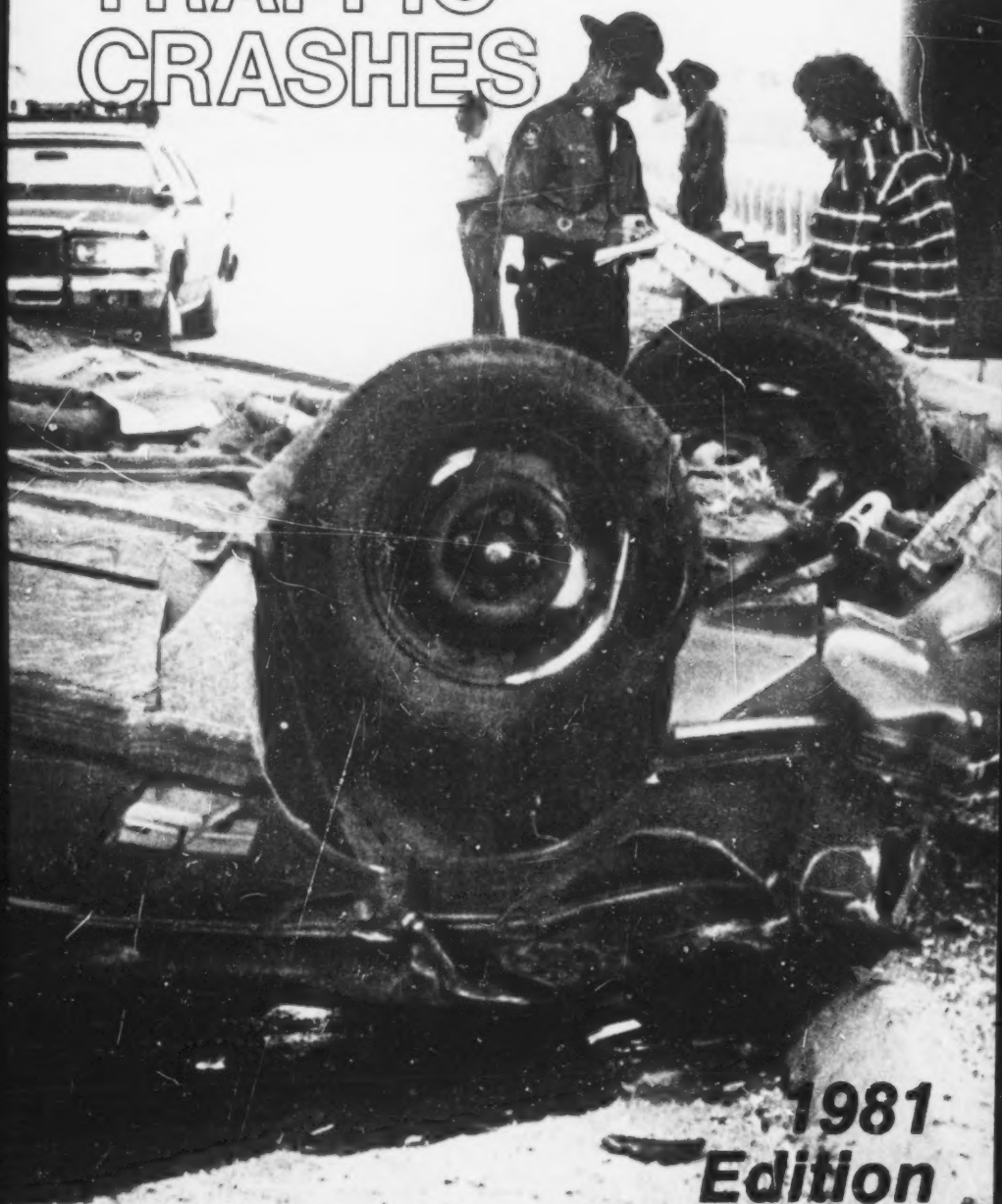


MISSOURI TRAFFIC CRASHES

S 4560-1 (A)



**1981
Edition**

DEPARTMENT OF PUBLIC SAFETY
MISSOURI STATE HIGHWAY PATROL

INTRODUCTION

This booklet is published by the Missouri State Highway Patrol as an aid to persons who are interested in the traffic accident problem in Missouri. It contains information which provides for a comprehensive look at the Statewide accident problem as experienced in 1980.

The Missouri State Highway Patrol is the central traffic accident data collection agency for the State of Missouri. Data on both rural and urban traffic crashes is made available to this agency. Police departments throughout the State provide the Highway Patrol with copies of their accident reports. All reports of traffic accidents including those investigated by the Missouri State Highway Patrol are tabulated and analyzed by this agency. It is thus due, in part, to the continued cooperation of these police departments that a meaningful picture of the Statewide accident experience is available to interested persons.

A word should be noted here in regard to the Missouri traffic toll. There were 1,191 people killed on the State's streets and highways in 1980. This is 29 more fatalities than in 1979, but still fewer than the number of Missouri traffic deaths recorded for the previous years of 1978, 1977 and 1976. More adherence to the 55 mile-per-hour speed limit by motorists and traveling at lower speeds in general would greatly help in reducing the number of lives lost in Missouri traffic crashes. Lower speeds give drivers more time to avoid a collision and cut down driver confusion by making the traffic flow more uniform. In addition, when accidents occur, they are likely to be less serious at lower speeds. The Missouri State Highway Patrol and other police agencies are doing everything possible to impress upon motorists the importance of traveling at lower speeds and of obeying the speed limit. However, it is mainly up to the individual driver to reach his or her destination in an automobile without injury. Observing the speed limit and all traffic laws will help insure their safety as they travel.

It is hoped that the information in this booklet will be of value to you. Certainly it is the most comprehensive look available of the accident problem in Missouri.

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Nationwide

TRAFFIC ACCIDENTS

	1979	1980
KILLED	51,900	53,300
INJURED (EST.)	2,000,000	2,000,000
COST (ECONOMIC LOSS)	\$35,800,000,000	\$39,400,000,000
DEATHS PER 100-MILLION MILES .	3.4	3.5
VEHICLE REGISTRATION	159,400,000	164,900,000

Missouri

TRAFFIC CRASH STATISTICS

	1979	1980
KILLED	1,162	1,191
INJURED (includes pos. injury)	60,402	55,342
ECONOMIC LOSS	\$712,870,000	\$790,250,000
LICENSED DRIVERS (APPROX.) ...	3,277,036	3,306,126
MOTOR VEHICLES REGISTERED ..	4,133,009	3,671,932
MILES OF TRAVEL	34,561,000,000	33,968,000,000
DEATHS PER 100-MILLION MILES . .	3.36	3.51

STATEWIDE TRAFFIC ACCIDENTS IN MISSOURI

STATEWIDE ACCIDENTS					
TYPE OF ACCIDENT	FATAL	INJURY	PROP DAMAGE	TOTAL	%
OVERTURNING	100	2,551	1,868	4,519	3.2
OTHER NON-COLLISION	6	511	1,247	1,764	1.2
PEDESTRIAN	134	1,904	26	2,064	1.4
MOTOR VEHICLE IN TRANSPORT	347	20,328	66,380	87,055	61.2
MOTOR VEHICLE ON OTHER ROADWAY	29	111	318	458	.3
PARKED MOTOR VEHICLE	16	1,650	18,060	19,726	13.9
RAILWAY TRAIN	18	89	121	228	.2
PEDALCYCLIST	12	884	155	1,051	.7
ANIMAL	1	142	1,941	2,084	1.5
FIXED OBJECT	374	8,568	13,955	22,897	16.0
OTHER OBJECT	2	70	434	506	.4
TOTAL	1,039	36,808	104,505	142,352	
PERCENTAGE	.73	25.86	73.41	100.00	100.0

*THE TYPE OF ACCIDENT IS DETERMINED BY THE FIRST HARMFUL EVENT

PERSONS INVOLVED				
TYPE OF ACCIDENT	FATAL	INJURY	TOTAL	%
OVERTURNING	108	3,677	3,785	6.7
OTHER NON-COLLISION	6	644	650	1.2
PEDESTRIAN	136	2,034	2,170	3.8
MOTOR VEHICLE IN TRANSPORT	438	33,517	33,955	60.0
MOTOR VEHICLE ON OTHER ROADWAY	45	264	309	.5
PARKED MOTOR VEHICLE	17	2,071	2,088	3.7
RAILWAY TRAIN	22	125	147	.3
PEDALCYCLIST	12	939	951	1.7
ANIMAL	2	186	188	.3
FIXED OBJECT	402	11,791	12,193	21.6
OTHER OBJECT	3	94	97	.2
TOTAL	1,191	55,342	56,533	100.0

*THE TYPE OF ACCIDENT IS DETERMINED BY THE FIRST HARMFUL EVENT



The first figure in each county represents the total deaths during 1980. The second figure (the figure with the decimal point) represents the average deaths per year for the last ten years. By removing the decimal point, the number represents the total deaths for a 10-year period. The third figure indicates the increase or decrease of traffic fatalities in each county from the year 1979 to 1980. If there is no change it will be indicated by -0-.

5

STATE-WIDE TRAFFIC DEATHS BY MONTH

	1979			1980		
	RURAL	URBAN	TOTAL	RURAL	URBAN	TOTAL
January	45	15	60	55	22	77
February	44	27	71	34	17	51
March	78	31	109	65	22	87
April	55	18	73	64	30	94
May	69	23	92	87	31	118
June	82	30	112	93	31	124
July	71	22	93	76	34	110
August	72	33	105	107	30	137
September	85	21	106	69	29	98
October	114	31	145	78	26	104
November	69	29	98	68	39	107
December	69	29	98	51	33	84
TOTAL	853	309	1,162	847	344	1,191

MISSOURI'S TRAFFIC FATALITY DEATH RATE

(per 100 million miles of travel)

YEAR	DEATH RATE	NUMBER KILLED	YEAR	DEATH RATE	NUMBER KILLED
1949	6.4	799	1965	6.3	1,370
1950	6.4	889	1966	6.1	1,379
1951	6.8	1,002	1967	5.5	1,322
1952	6.7	1,027	1968	6.0	1,498
1953	6.5	1,020	1969	5.7	1,528
1954	5.9	974	1970	5.68	1,467
1955	6.1	1,071	1971	5.13	1,415
1956	6.4	1,132	1972	5.04	1,482
1957	5.5	996	1973	4.71	1,452
1958	5.3	978	1974	3.60	1,046
1959	5.1	990	1975	3.50	1,075
1960	5.3	1,048	1976	3.70	1,209
1961	4.6	934	1977	3.62	1,211
1962	5.0	1,018	1978	3.53	1,224
1963	5.5	1,168	1979	3.36	1,162
1964	6.1	1,293	1980	3.51	1,191

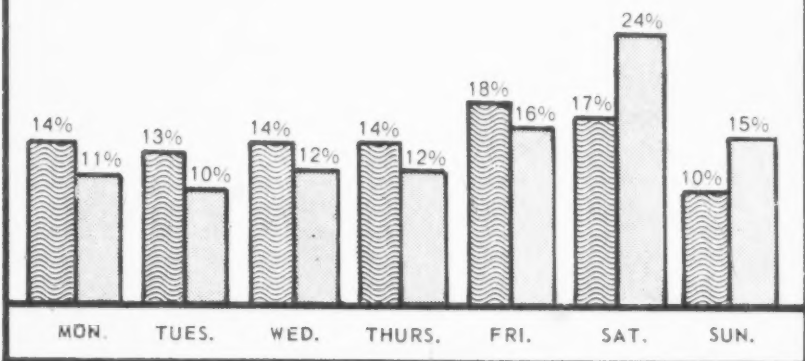
DAY OF OCCURRENCE



ALL CRASHES



FATAL CRASHES



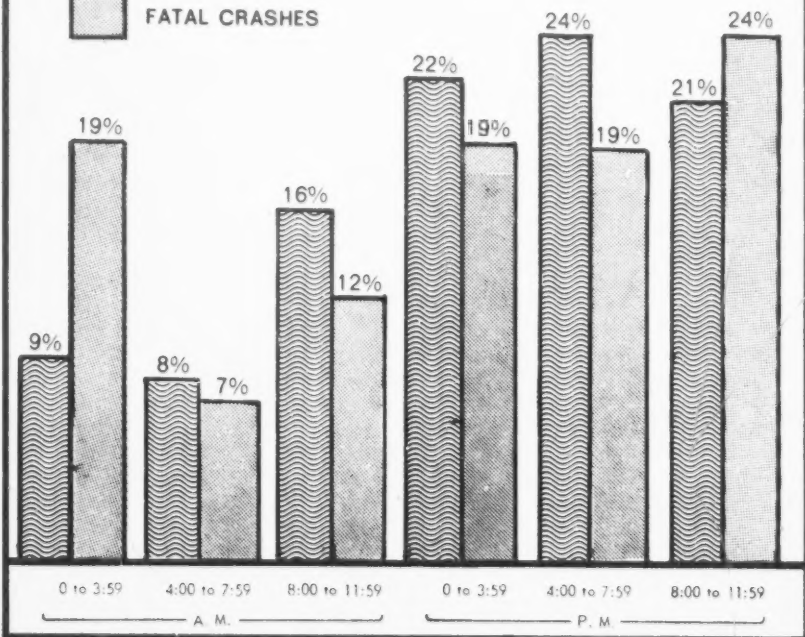
HOUR OF OCCURRENCE



ALL CRASHES



FATAL CRASHES



AGE OF DRIVERS INVOLVED IN ACCIDENTS				
AGE OF DRIVER	NUMBER INVOLVED	SEVERITY		
		FATAL ACCIDENTS	INJURY ACCIDENTS	PROP DAMAGE ACCIDENTS
15 and under	551	8	194	349
16	8,307	64	2,249	5,994
17	10,006	63	2,742	7,201
18 - 19	20,671	153	5,816	14,702
20 - 24	42,524	272	11,919	30,333
25 - 34	53,594	320	14,974	38,300
35 - 44	27,928	198	7,520	20,210
45 - 54	20,801	133	5,479	15,189
55 - 64	16,284	110	4,137	12,037
65 - 74	9,751	68	2,404	7,279
75 and Over	5,285	37	1,178	4,070
Age Unknown	4,695	1	419	4,275
TOTAL DRIVERS	220,397	1,427	59,031	159,939



WEATHER AND LIGHT CONDITIONS - STATEWIDE TRAFFIC CRASHES

WEATHER	FATAL	ALL ACCIDENTS	LIGHT	FATAL	ALL ACCIDENTS
Fog	.6%	.8%	Dusk or Dawn	3.4%	3.6%
Snow	4.0%	1.0%			
Rain	6.4%	3.8%			
Cloudy	27.2%	27.8%	Dark	33.2%	55.4%
Clear	59.0%	65.9%			
Other	.6%	.1%	Daylight	63.4%	41.0%
Not Stated	2.2%	.6%			



STATEWIDE ACCIDENTS

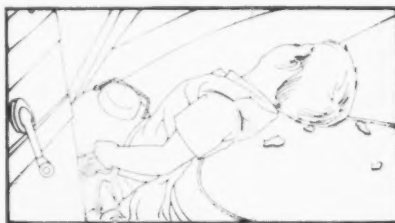
MISCELLANEOUS INFORMATION IN KNOWN CASES	ACCIDENTS	
	FATAL	ALL
DRIVERS WITH PHYSICAL DEFECT.....	0.2%	0.2%
DEFECTIVE VEHICLES INVOLVED.....	2.6%	1.3%
OCCURRED IN TOWNS 2,500 TO 10,000 POPULATION.....	11.9%	5.0%
OCCURRED ON STATE HIGHWAYS.....	19.6%	40.0%
OCCURRED ON U.S. HIGHWAYS.....	10.9%	19.9%
OCCURRED ON COUNTY AND LOCAL ROADS	60.6%	25.1%
OCCURRED ON STRAIGHT ROAD.....	86.7%	74.6%
OCCURRED ON LEVEL ROAD.....	69.0%	53.2%
OCCURRED ON DRY ROAD.....	74.9%	83.6%
OCCURRED AT INTERSECTION OF ROAD OR R.R.....	33.3%	22.7%
OCCURRED ON INTERSTATE HIGHWAYS.....	6.4%	12.7%

LOCATION OF THOSE KILLED

IN TRAFFIC ACCIDENTS



DRIVERS KILLED..... 735



PASSENGERS KILLED..... 296



PEDESTRIANS KILLED..... 148

— ALL OTHERS KILLED..... 12 —

PEDESTRIAN INFORMATION

PEDESTRIAN ACTION	RURAL		URBAN		TOTAL	
	KILLED	INJURED	KILLED	INJURED	KILLED	INJURED
CROSS AT CROSSWALK	3	76	27	595	30	671
CROSS NOT AT CROSSWALK	21	166	33	670	54	836
WALKING WITH TRAFFIC	10	43	2	42	12	85
WALKING AGAINST TRAFFIC	2	13	3	57	5	70
STANDING IN ROADWAY	8	44	3	88	11	132
WORKING ON VEHICLE IN ROADWAY ...	2	19	1	15	3	34
OTHER WORK IN ROADWAY	3	10	1	25	4	35
PLAYING IN ROADWAY	0	6	0	50	0	56
OTHER IN ROADWAY	14	62	8	234	22	296
NOT IN ROADWAY	4	35	1	57	5	92
NOT STATED	0	0	2	28	2	28
TOTALS	67	474	81	1,861	148	2,335
PERCENTAGES	45.3%	20.3%	54.7%	79.7%		

PEDESTRIANS BY AGE

FATALITIES				
AGE OF FATALITY	MALE	FEMALE	TOTAL	%
0 - 4	3	4	7	4.7
5 - 9	6	4	10	6.8
10 - 14	4	1	5	3.4
15 - 19	14	1	15	10.1
20 - 24	9	3	12	8.1
25 - 34	24	3	27	18.2
35 - 44	13	4	17	11.5
45 - 54	8	5	13	8.8
55 - 64	10	3	13	8.8
65 - 74	6	5	11	7.4
75 and older	13	5	18	12.2
Not Stated	0	0	0	
TOTAL	110	38	148	

PEDESTRIANS BY AGE

INJURIES				
AGE OF CASUALTY	MALE	FEMALE	TOTAL	%
0 - 4	104	60	164	7.5
5 - 9	302	153	455	20.9
10 - 14	136	116	252	11.5
15 - 19	173	94	267	12.2
20 - 24	163	57	220	10.1
25 - 34	183	65	248	11.3
35 - 44	93	45	138	6.3
45 - 54	63	44	107	4.9
55 - 64	46	39	85	3.9
65 - 74	45	50	95	4.3
75 and older	33	42	75	3.4
Not Stated	53	28	81	3.7
TOTAL	1,394	793	2,187	

DRINKING DRIVERS INVOLVED IN ACCIDENTS

AGE OF DRIVER	HOUR OF OCCURRENCE					
	MID-NIGHT TO 4 A.M.	5 A.M. TO 8 A.M.	9 A.M. TO NOON	1 P.M. TO 5 P.M.	6 P.M. TO 11 P.M.	UN - KNOWN TIME
AGES 15 AND YOUNGER	16	3	4	1	17	0
AGES 16 TO 24	2,316	281	297	1,039	3,059	57
AGES 25 TO 34	1,656	161	229	803	2,083	33
AGES 35 TO 44	592	86	135	511	1,059	18
AGES 45 TO 54	288	47	96	398	753	9
AGES 55 TO 64	111	40	110	300	428	5
AGES 65 AND OVER	82	23	82	259	227	7
TOTAL	6,061	641	953	3,311	7,626	129

DRINKING DRIVERS AND ACCIDENTS

Whether or not a driver has been drinking cannot always be determined at the scene of an accident. It is generally impossible to determine the drivers who have had one or a few drinks; yet, these drivers may be as much of a hazard as the obvious drunk. Because of the time lapse from the moment of occurrence until an officer arrives at the scene to make the investigation, a driver's condition concerning drinking can change a great deal. In cases where the driver may have been removed to a hospital, doctor's office, or funeral home, his condition may never be determined.

FATAL TRAFFIC CRASHES:

Involving Drinking Drivers.....	276
Involving Drivers Not Drinking.....	365
Information Not Known.....	398

IN KNOWN CASES:

43.0 out of every 100 fatal accidents involved drinking.

ALL TRAFFIC CRASHES:

Involving Drinking Drivers.....	17,300
Involving Drivers Not Drinking.....	109,411
Information Not Known.....	15,641

IN KNOWN CASES:

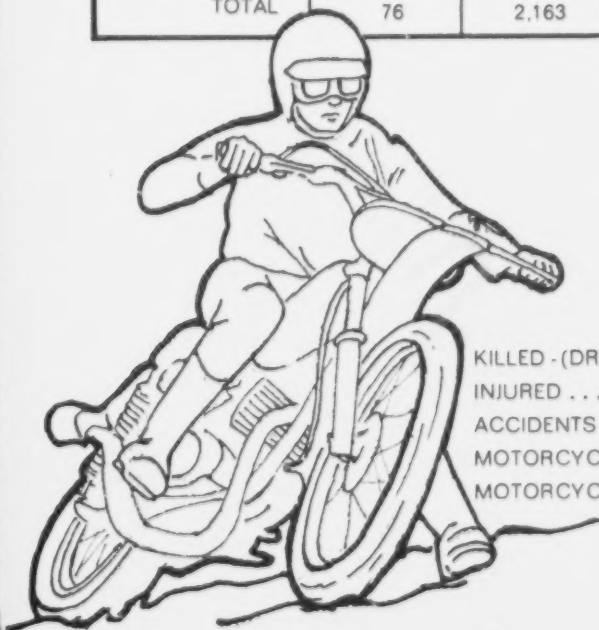
13.6 out of every 100 traffic accidents in the State involved drinking

In rural accidents, **19.7** out of every 100 traffic accidents involved drinking.



MOTORCYCLE STATISTICS

MOTORCYCLE OPERATORS			
AGE OF OPERATOR	KNOWN SEVERITY		NUMBER INVOLVED
	FATALITIES	INJURIES	
15 and Under	2	59	75
16 to 20	16	601	814
21 - 25	25	623	832
26 - 30	15	363	482
31 - 35	5	192	260
36 - 40	5	125	159
41 - 45	5	70	96
46 - 50	1	53	71
51 - 55	1	36	46
56 - 60	0	13	21
61 - 65	0	8	11
66 and Over	1	8	13
Age Unknown	0	12	25
TOTAL	76	2,163	2,905



STATE TOTALS

KILLED - (DRIVERS AND PASSENGERS) 84
 INJURED 2,556
 ACCIDENTS 2,969
 MOTORCYCLES REGISTERED 118,284
 MOTORCYCLE QUALIFIED DRIVERS 214,399

URBAN TRAFFIC FATALITIES

CITY	1977	1978	1979	1980	CITY	1977	1978	1979	1980
Arnold	3	1	5	0	Lee's Summit	1	7	6	4
Aurora	1	2	1	0	Lexington	0	1	0	0
Ballwin	1	1	0	0	Liberty	0	2	3	4
Bellefont. Nbrs.	1	2	1	6	Macon	0	0	1	1
Bel-Ridge	0	0	1	1	Malden	3	0	0	1
Belton	1	1	1	2	Manchester	2	0	0	0
Berkeley	3	3	1	2	Marshall	2	2	1	0
Blue Springs	1	0	1	3	Mexico	0	0	2	2
Boonville	0	0	0	1	Moberly	1	2	2	1
Breckenridge Hills	1	0	0	0	Monett	0	0	1	1
Brentwood	0	3	0	0	Neosho	0	0	2	1
Bridgeton	1	2	5	10	Nevada	3	0	1	2
Brookfield	1	0	1	0	N. Kansas City	4	3	0	1
Cape Girardeau	1	1	4	4	Northwoods	0	1	0	0
Carthage	2	4	0	3	O'Fallon	1	3	4	4
Charleston	1	0	1	1	Olivette	0	2	0	0
Chillicothe	0	0	1	1	Overland	0	2	2	1
Clayton	0	0	1	1	Pagedale	3	0	1	2
Clinton	2	0	1	0	Perryville	1	1	1	0
Columbia	9	2	6	5	Pine Lawn	2	0	0	1
Creve Coeur	4	7	0	2	Poplar Bluff	2	2	2	2
DeSoto	1	0	0	1	Raytown	7	0	0	1
Des Peres	1	4	0	0	Richmond Hgts	2	1	1	3
Dexter	0	1	1	0	Rolla	1	0	2	2
Excelsior Springs	3	0	0	0	Saint Ann	0	1	1	1
Farmington	1	0	1	2	Saint Charles	8	6	5	9
Ferguson	1	0	2	2	Saint John	0	1	0	0
Festus	0	1	0	0	Saint Joseph	14	11	4	7
Florissant	2	5	3	2	Saint Louis	86	66	60	65
Fulton	2	1	2	1	Saint Peters	0	0	1	3
Gladstone	0	2	0	0	Sedalia	2	2	0	1
Glendale	0	1	0	0	Shrewsbury	1	2	0	0
Grandview	1	2	2	0	Sikeston	1	1	1	1
Hannibal	3	1	2	1	Springfield	18	22	13	18
Harrisonville	1	1	0	1	Trenton	0	2	0	0
Hazelwood	2	4	2	4	University City	4	2	4	1
Independence	19	17	19	16	Washington	0	2	0	0
Jackson	1	1	1	1	Webb City	0	1	0	2
Jefferson City	4	4	5	2	Webster Groves	2	3	7	2
Jennings	0	1	0	0	Wellston	2	0	0	0
Joplin	3	6	5	7	West Plains	1	2	2	1
Kansas City	103	83	96	113	Woodson Terr.	0	0	1	0
Kennett	1	0	0	0					
Kinloch	2	0	0	1	TOTALS	364	320	309	344
Kirksville	0	0	3	1					
Kirkwood	2	1	1	1					
Ladue	2	1	1	0					
Lebanon	2	1	1	1					

URBAN AND RURAL COMPARISON

URBAN ACCIDENTS IN MISSOURI					
TYPE OF ACCIDENT	FATAL	INJURY	PROP DAMAGE	TOTAL	%
OVERTURNING	13	645	446	1,104	1.1
OTHER NON-COLLISION	1	347	536	884	0.9
PEDESTRIAN	76	1,593	19	1,688	1.7
MOTOR VEHICLE IN TRANSPORT	103	14,337	51,979	66,419	66.3
MOTOR VEHICLE ON OTHER ROADWAY	12	61	190	263	0.3
PARKED MOTOR VEHICLE	9	1,360	15,596	16,965	16.9
RAILWAY TRAIN	4	42	66	112	0.1
PEDALCYCLIST	4	729	129	862	0.9
ANIMAL	0	28	217	245	0.2
FIXED OBJECT	95	3,572	7,731	11,398	11.4
OTHER OBJECT	1	27	206	234	0.2
TOTAL	318	22,741	77,115	100,174	
PERCENTAGE	0.3	22.7	77.0		

RURAL ACCIDENTS IN MISSOURI					
TYPE OF ACCIDENT	FATAL	INJURY	PROP DAMAGE	TOTAL	%
OVERTURNING	87	1,906	1,422	3,415	8.1
OTHER NON-COLLISION	5	164	711	880	2.1
PEDESTRIAN	58	311	7	376	0.9
MOTOR VEHICLE IN TRANSPORT	244	5,991	14,401	20,636	48.9
MOTOR VEHICLE ON OTHER ROADWAY		50	128	195	0.5
PARKED MOTOR VEHICLE	7	290	2,464	2,761	6.5
RAILWAY TRAIN	14	47	55	116	0.3
PEDALCYCLIST	8	155	26	189	0.4
ANIMAL	1	114	1,724	1,839	4.4
FIXED OBJECT	279	4,996	6,224	11,499	27.3
OTHER OBJECT	1	43	228	272	0.6
TOTAL		14,067	27,390	42,178	
PERCENTAGE	1.7	33.4	64.9		

~~~~~

|           | 1979   | 1980   |
|-----------|--------|--------|
| KILLED    | 853    | 847    |
| INJURED   | 23,702 | 22,262 |
| ACCIDENTS | 48,249 | 42,178 |



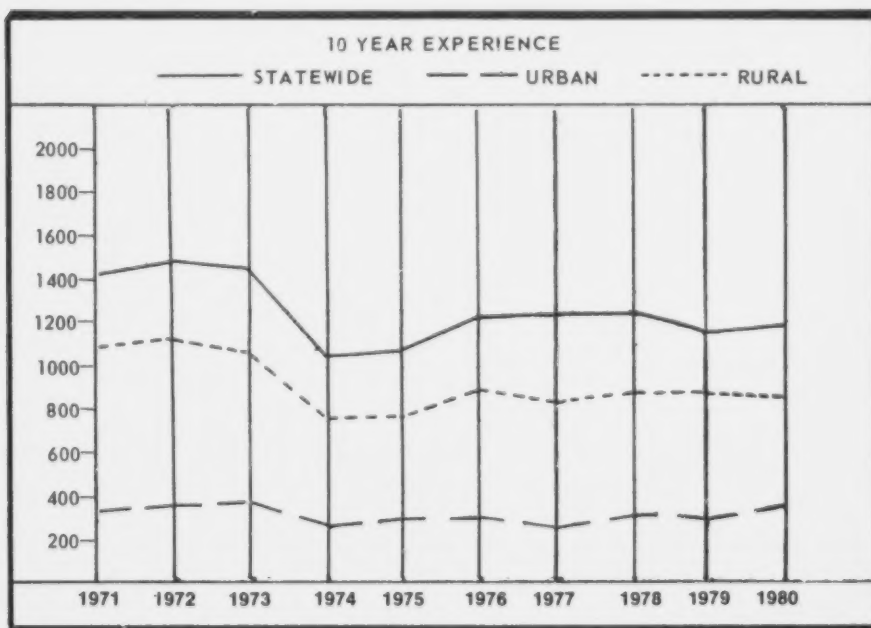
**RURAL TRAFFIC DEATHS, INJURIES AND ACCIDENTS** - The information on this map is for deaths, injuries and accidents that are classified as rural. The classification includes all accidents on highways outside of cities and accidents that occur within cities of less than 5,000 population. Accidents occurring within cities of 5,000 or more population are classified as urban.

The first of the three numbers shown is deaths; the second, injuries; and the third, accidents. The first two numbers pertain to people; the third to accidents. In other words, if the first number is 5, it indicates five deaths, not five fatal accidents. The same is true for injuries.

# MISSOURI TRAFFIC DEATHS HISTORY

10 Year Experience

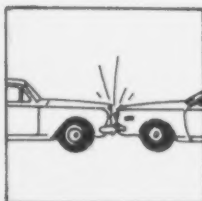
| YEAR | STATEWIDE | RURAL | URBAN |
|------|-----------|-------|-------|
| 1971 | 1,415     | 1,094 | 321   |
| 1972 | 1,482     | 1,123 | 359   |
| 1973 | 1,452     | 1,079 | 373   |
| 1974 | 1,046     | 778   | 268   |
| 1975 | 1,075     | 774   | 301   |
| 1976 | 1,209     | 886   | 323   |
| 1977 | 1,211     | 847   | 364   |
| 1978 | 1,224     | 904   | 320   |
| 1979 | 1,162     | 853   | 309   |
| 1980 | 1,191     | 847   | 344   |



# MISSOURI ACCIDENTS

TOTAL ACCIDENTS ..... 142,352  
 TOTAL FATAL ACCIDENTS ..... 1,039  
 TOTAL PERSONS KILLED ..... 1,191

\*THE TYPE OF ACCIDENT IS DETERMINED BY  
 THE FIRST HARMFUL EVENT



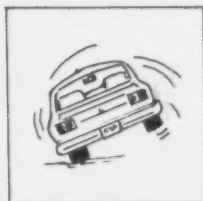
## COLLISION WITH: MOTOR VEHICLE IN TRANSPORT

87,055 accidents ..... 61.16%  
 438 fatalities



## COLLISION WITH: FIXED OBJECT

22,897 accidents ..... 16.08%  
 402 fatalities



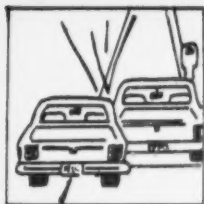
## NON-COLLISION OVERTURNING

4,519 accidents ..... 3.17%  
 108 fatalities



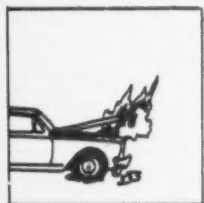
## COLLISION WITH: ANIMAL

2,084 accidents ..... 1.46%  
 2 fatalities



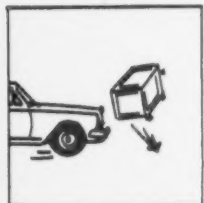
## COLLISION WITH: MOTOR VEHICLE PARKED

19,726 accidents ..... 13.86%  
17 fatalities



## OTHER NON-COLLISION

1,764 accidents ..... 1.24%  
6 fatalities



## COLLISION WITH: OTHER OBJECT

506 accidents ..... 0.36%  
3 fatalities



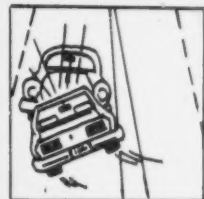
## COLLISION WITH: PEDESTRIAN

2,064 accidents ..... 1.45%  
136 fatalities



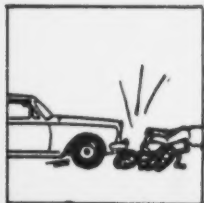
## COLLISION WITH: RAILROAD TRAIN

228 accidents ..... 0.16%  
22 fatalities



## COLLISION WITH: MOTOR VEHICLE ON OTHER ROADWAY

458 accidents ..... 0.32%  
45 fatalities

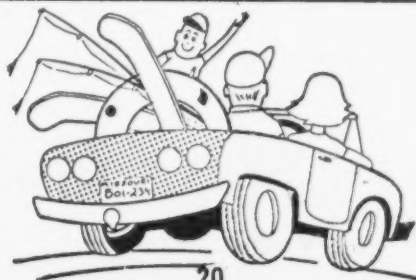


## COLLISION WITH: BICYCLE (PEDAL VEHICLE)

1,051 accidents ..... 0.74%  
12 fatalities

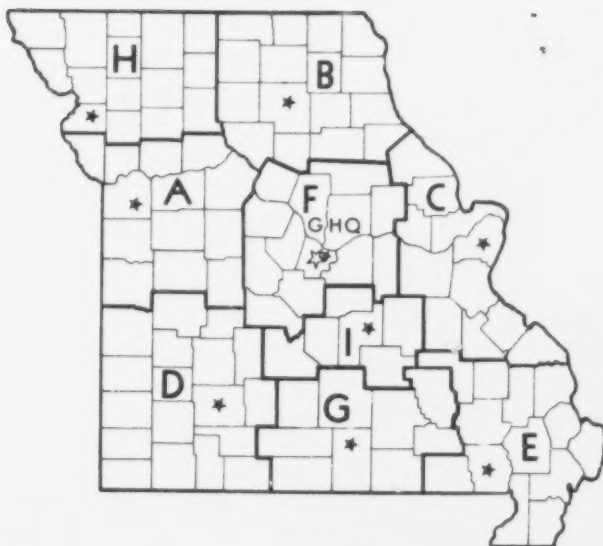
# MISSOURI HOLIDAY FATALITIES

| HOLIDAY      | YEAR | KILLED | PERIOD                                                                       |
|--------------|------|--------|------------------------------------------------------------------------------|
| Memorial Day | 1979 | 16     | From 6:00 p.m., Friday, May 25, to midnight, Monday, May 28                  |
| Memorial Day | 1980 | 12     | From 6:00 p.m., Friday, May 23, to midnight, Monday, May 26                  |
| 4th of July  | 1979 | 9      | From 6:00 p.m., Tuesday, July 3, to midnight, Wednesday, July 4              |
| 4th of July  | 1980 | 20     | From 6:00 p.m., Thursday, July 3, to midnight, Sunday, July 6                |
| Labor Day    | 1979 | 16     | From 6:00 p.m., Friday, August 31, to midnight, Monday, September 3          |
| Labor Day    | 1980 | 8      | From 6:00 p.m., Friday, August 29, to midnight, Monday, September 1          |
| Thanksgiving | 1979 | 15     | From 6:00 p.m., Wednesday, November 21, to midnight, Sunday, November 25     |
| Thanksgiving | 1980 | 22     | From 6:00 p.m., Wednesday, November 26, to midnight, Sunday, November 30     |
| Christmas    | 1979 | 24     | From 6:00 p.m., Friday, December 21, to midnight, Tuesday, December 25       |
| Christmas    | 1980 | 12     | From 6:00 p.m., Wednesday, December 24, to midnight, Sunday, December 28     |
| New Year     | 1979 | 20     | From 6:00 p.m., Friday, December 28, to midnight, Tuesday, January 1, 1980   |
| New Year     | 1980 | 12     | From 6:00 p.m., Wednesday, December 31, to midnight, Sunday, January 4, 1981 |



# MISSOURI HIGHWAY PATROL

## TROOP AREA MAP



| TROOP | HEADQUARTERS   | area code | TELEPHONE NO. |
|-------|----------------|-----------|---------------|
| GHQ   | Jefferson City | (314)     | 751-3313      |
| A     | Lee's Summit   | (816)     | 524-1407      |
| B     | Macon          | (816)     | 385-2132      |
| C     | Kirkwood       | (314)     | 434-5500      |
| D     | Springfield    | (417)     | 869-1525      |
| E     | Poplar Bluff   | (314)     | 785-5757      |
| F     | Jefferson City | (314)     | 636-5171      |
| G     | Willow Springs | (417)     | 469-3121      |
| H     | St. Joseph     | (816)     | 233-0291      |
| I     | Rolla          | (314)     | 364-1215      |

EVERYTHING  
GOES

S 4560-1 -WK (A)



# MISSOURI TRAFFIC CRASHES

**1982 Edition**

DEPARTMENT OF PUBLIC SAFETY  
MISSOURI STATE HIGHWAY PATROL

## INTRODUCTION

This booklet is published by the Missouri State Highway Patrol as an aid to persons who are interested in the traffic accident problem in Missouri. It contains information which provides for a comprehensive look at the Statewide accident problem as experienced in 1981.

The Missouri State Highway Patrol is the central traffic accident data collection agency for the State of Missouri. Data on both rural and urban traffic crashes is made available to this agency. Police departments throughout the State provide the Highway Patrol with copies of their accident reports. All reports of traffic accidents including those investigated by the Missouri State Highway Patrol are tabulated and analyzed by this agency. It is thus due, in part, to the continued cooperation of these police departments that a meaningful picture of the Statewide accident experience is available to interested persons.

A word should be noted here in regard to the Missouri traffic toll. There were 1,055 people killed on the State's streets and highways in 1981. This is the lowest traffic toll since 1974 (1,046) - the year the 55 mile-per-hour speed limit went into effect. The 1981 traffic death toll also represents an 11 percent reduction in Missouri traffic fatalities as compared to the previous year (1,191). What is the reason or reasons for this notable saving of lives? We feel that a combination of better driving on the part of the public and concerted enforcement programs helped in bringing about the low traffic toll for 1981. More motorists are traveling at slower speeds. At the same time, police agencies have intensified their enforcement efforts in order to impress upon motorists the importance of obeying the traffic laws and of driving in a responsible manner. The Missouri State Highway Patrol will continue its enforcement programs and with the cooperation of the motoring public there will hopefully be a further reduction of traffic deaths.

It is hoped that the information in this booklet will be of value to you. Certainly it is the most comprehensive look available of the accident problem in Missouri.

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## *Nationwide*

### TRAFFIC ACCIDENTS

|                                 | 1980             | 1981             |
|---------------------------------|------------------|------------------|
| KILLED .....                    | 52,600           | 50,700           |
| INJURED (EST.) .....            | 2,000,000        | 1,900,000        |
| COST (ECONOMIC LOSS) .....      | \$39,300,000,000 | \$40,500,000,000 |
| DEATHS PER 100-MILLION MILES .. | 3.5              | 3.2              |
| VEHICLE REGISTRATION .....      | 164,900,000      | 165,700,000      |

## *Missouri*

### TRAFFIC CRASH STATISTICS

|                                     | 1980           | 1981           |
|-------------------------------------|----------------|----------------|
| KILLED .....                        | 1,191          | 1,055          |
| INJURED (includes pos. injury) .... | 55,342         | 56,803         |
| ECONOMIC LOSS .....                 | \$790,250,000  | \$770,150,000  |
| LICENSED DRIVERS (APPROX.) ...      | 3,306,126      | 3,339,269      |
| MOTOR VEHICLES REGISTERED ..        | 3,671,932      | 4,710,667      |
| MILES OF TRAVEL .....               | 33,968,000,000 | 34,730,000,000 |
| DEATHS PER 100-MILLION MILES. .     | 3.51           | 3.04           |

# STATEWIDE TRAFFIC ACCIDENTS IN MISSOURI

| STATEWIDE ACCIDENTS            |       |        |                |         |       |
|--------------------------------|-------|--------|----------------|---------|-------|
| TYPE OF ACCIDENT               | FATAL | INJURY | PROP<br>DAMAGE | TOTAL   | %     |
| OVERTURNING                    | 99    | 2,302  | 1,816          | 4,217   | 3.0   |
| OTHER NON-COLLISION            | 7     | 523    | 1,414          | 1,944   | 1.4   |
| PEDESTRIAN                     | 122   | 1,837  | 27             | 1,986   | 1.4   |
| MOTOR VEHICLE IN TRANSPORT     | 333   | 21,360 | 64,938         | 86,631  | 61.8  |
| MOTOR VEHICLE ON OTHER ROADWAY | 21    | 150    | 315            | 486     | .3    |
| PARKED MOTOR VEHICLE           | 15    | 1,635  | 17,005         | 18,655  | 13.3  |
| RAILWAY TRAIN                  | 13    | 64     | 107            | 184     | .1    |
| PEDALCYCLIST                   | 14    | 881    | 166            | 1,061   | .8    |
| ANIMAL                         | 0     | 143    | 2,113          | 2,256   | 1.6   |
| FIXED OBJECT                   | 303   | 8,331  | 13,835         | 22,469  | 16.0  |
| OTHER OBJECT                   | 3     | 59     | 360            | 422     | .3    |
| TOTAL                          | 930   | 37,285 | 102,096        | 140,311 |       |
| PERCENTAGE                     | .66   | 26.57  | 72.77          | 100.00  | 100.0 |

\*THE TYPE OF ACCIDENT IS DETERMINED BY THE FIRST HARMFUL EVENT

| PERSONS INVOLVED               |       |        |        |       |
|--------------------------------|-------|--------|--------|-------|
| TYPE OF ACCIDENT               | FATAL | INJURY | TOTAL  | %     |
| OVERTURNING                    | 103   | 3,278  | 3,381  | 5.9   |
| OTHER NON-COLLISION            | 7     | 640    | 647    | 1.1   |
| PEDESTRIAN                     | 122   | 1,953  | 2,075  | 3.6   |
| MOTOR VEHICLE IN TRANSPORT     | 410   | 35,855 | 36,265 | 62.7  |
| MOTOR VEHICLE ON OTHER ROADWAY | 36    | 321    | 357    | .6    |
| PARKED MOTOR VEHICLE           | 18    | 2,115  | 2,133  | 3.7   |
| RAILWAY TRAIN                  | 15    | 86     | 101    | .2    |
| PEDALCYCLIST                   | 15    | 938    | 953    | 1.6   |
| ANIMAL                         | 0     | 183    | 183    | .3    |
| FIXED OBJECT                   | 326   | 11,355 | 11,681 | 20.2  |
| OTHER OBJECT                   | 3     | 79     | 82     | .1    |
| TOTAL                          | 1,055 | 56,803 | 57,858 | 100.0 |

\*THE TYPE OF ACCIDENT IS DETERMINED BY THE FIRST HARMFUL EVENT



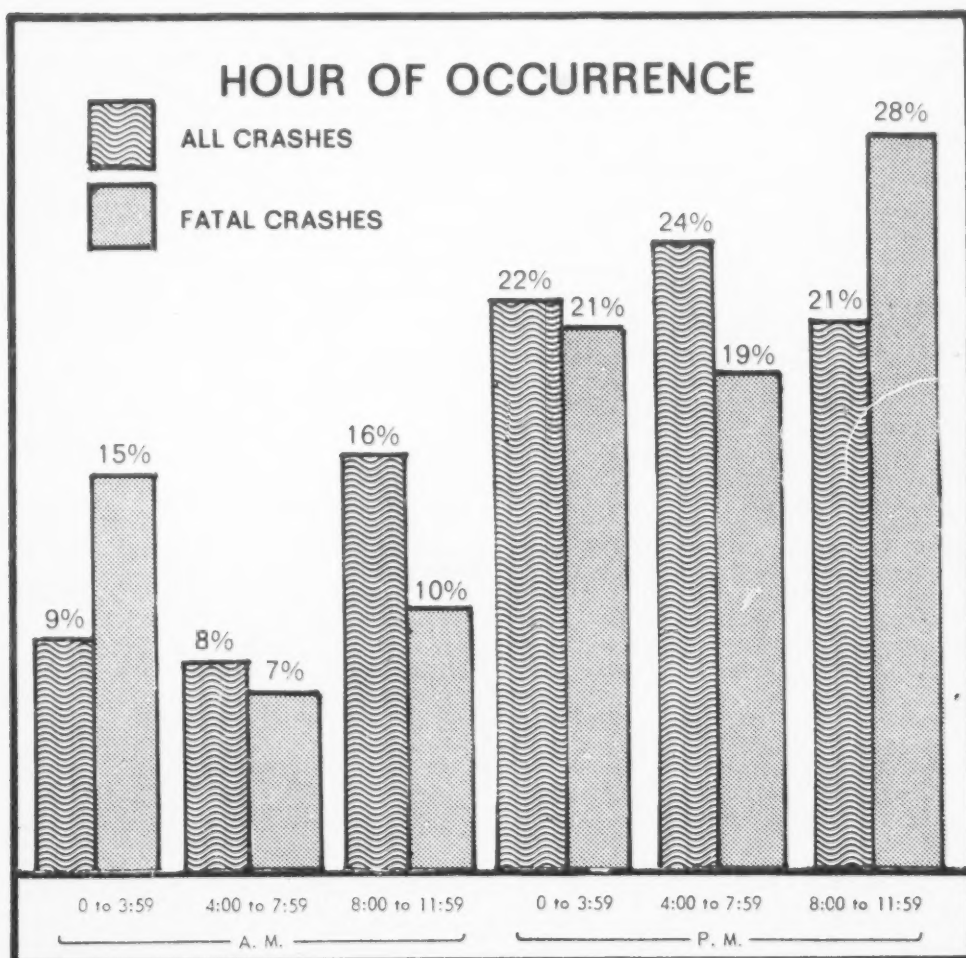
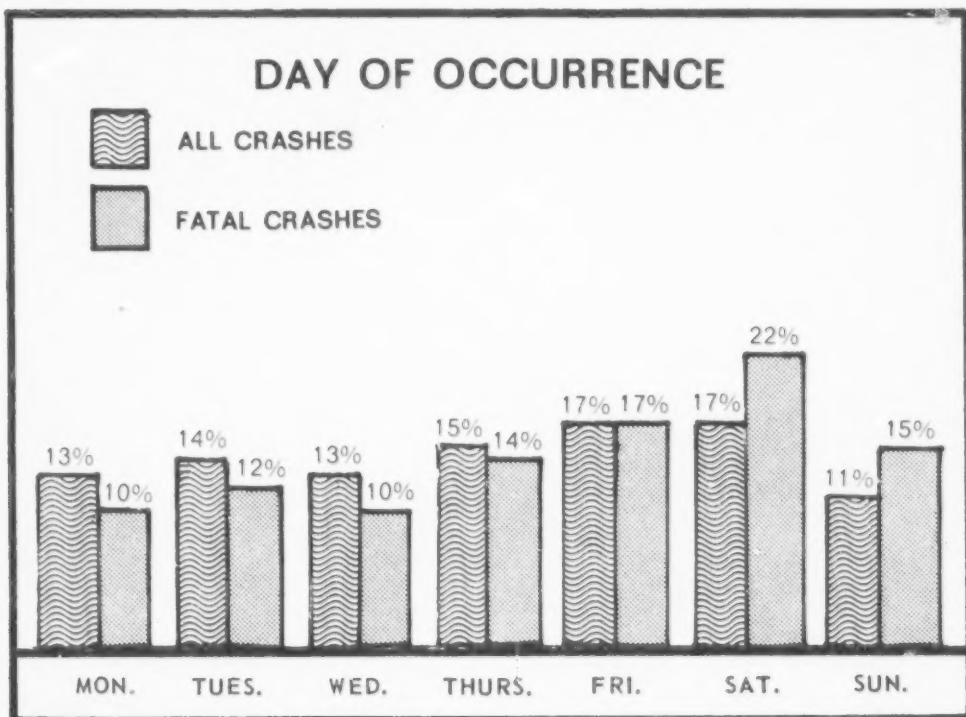
# STATE-WIDE TRAFFIC DEATHS BY MONTH

|           | 1980  |       |       | 1981  |       |       |
|-----------|-------|-------|-------|-------|-------|-------|
|           | RURAL | URBAN | TOTAL | RURAL | URBAN | TOTAL |
| January   | 55    | 22    | 77    | 71    | 20    | 91    |
| February  | 34    | 17    | 51    | 48    | 23    | 71    |
| March     | 65    | 22    | 87    | 50    | 24    | 74    |
| April     | 64    | 30    | 94    | 55    | 31    | 86    |
| May       | 87    | 31    | 118   | 81    | 29    | 110   |
| June      | 93    | 31    | 124   | 50    | 22    | 72    |
| July      | 76    | 34    | 110   | 76    | 32    | 108   |
| August    | 107   | 30    | 137   | 80    | 26    | 106   |
| September | 69    | 29    | 98    | 68    | 32    | 100   |
| October   | 78    | 26    | 104   | 75    | 15    | 90    |
| November  | 68    | 39    | 107   | 53    | 24    | 77    |
| December  | 51    | 33    | 84    | 45    | 25    | 70    |
| TOTAL     | 847   | 344   | 1,191 | 752   | 303   | 1,055 |

## MISSOURI'S TRAFFIC FATALITY DEATH RATE

(per 100 million miles of travel)

| YEAR | DEATH RATE | NUMBER KILLED | YEAR | DEATH RATE | NUMBER KILLED |
|------|------------|---------------|------|------------|---------------|
| 1950 | 6.4        | 889           | 1966 | 6.1        | 1,379         |
| 1951 | 6.8        | 1,002         | 1967 | 5.5        | 1,322         |
| 1952 | 6.7        | 1,027         | 1968 | 6.0        | 1,498         |
| 1953 | 6.5        | 1,020         | 1969 | 5.7        | 1,528         |
| 1954 | 5.9        | 974           | 1970 | 5.68       | 1,467         |
| 1955 | 6.1        | 1,071         | 1971 | 5.13       | 1,415         |
| 1956 | 6.4        | 1,132         | 1972 | 5.04       | 1,482         |
| 1957 | 5.5        | 996           | 1973 | 4.71       | 1,452         |
| 1958 | 5.3        | 978           | 1974 | 3.60       | 1,046         |
| 1959 | 5.1        | 990           | 1975 | 3.50       | 1,075         |
| 1960 | 5.3        | 1,048         | 1976 | 3.70       | 1,209         |
| 1961 | 4.6        | 934           | 1977 | 3.62       | 1,211         |
| 1962 | 5.0        | 1,018         | 1978 | 3.53       | 1,224         |
| 1963 | 5.5        | 1,168         | 1979 | 3.36       | 1,162         |
| 1964 | 6.1        | 1,293         | 1980 | 3.51       | 1,191         |
| 1965 | 6.3        | 1,370         | 1981 | 3.04       | 1,055         |

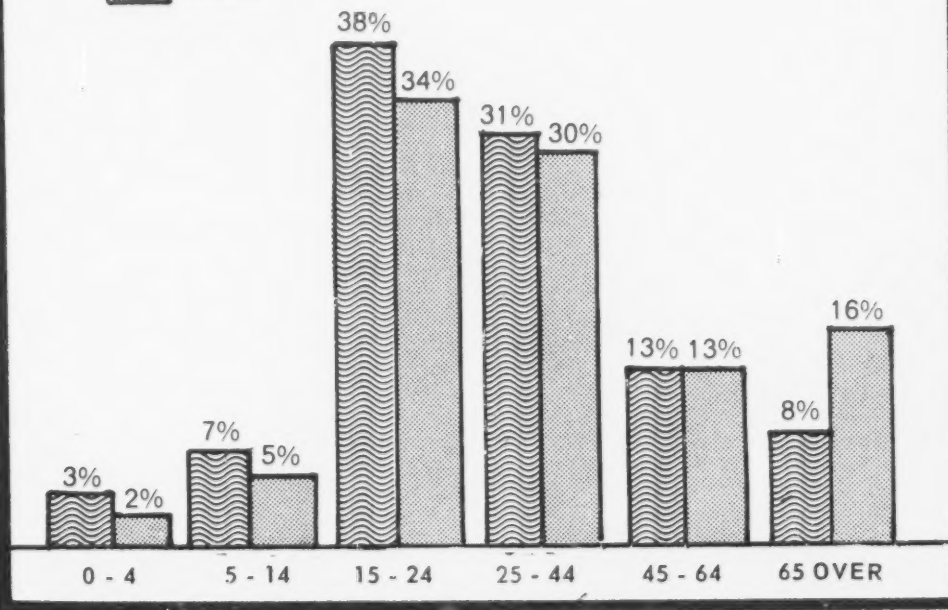


### AGE OF DRIVERS INVOLVED IN ACCIDENTS

| AGE OF DRIVER | NUMBER INVOLVED | SEVERITY        |                  |                        |
|---------------|-----------------|-----------------|------------------|------------------------|
|               |                 | FATAL ACCIDENTS | INJURY ACCIDENTS | PROP. DAMAGE ACCIDENTS |
| 15 and under  | 518             | 8               | 182              | 328                    |
| 16            | 7,951           | 34              | 2,264            | 5,653                  |
| 17            | 9,545           | 49              | 2,724            | 6,772                  |
| 18 - 19       | 19,559          | 124             | 5,578            | 13,857                 |
| 20 - 24       | 41,506          | 249             | 12,130           | 29,127                 |
| 25 - 34       | 54,464          | 344             | 15,523           | 38,597                 |
| 35 - 44       | 28,591          | 182             | 8,041            | 20,368                 |
| 45 - 54       | 20,402          | 141             | 5,638            | 14,623                 |
| 55 - 64       | 16,645          | 95              | 4,526            | 12,024                 |
| 65 - 74       | 9,972           | 69              | 2,602            | 7,301                  |
| 75 and Over   | 5,754           | 51              | 1,353            | 4,350                  |
| Age Unknown   | 4,753           | 2               | 404              | 4,347                  |
| TOTAL DRIVERS | 219,660         | 1,348           | 60,965           | 157,347                |

### KILLED INJURED - BY AGE GROUP

 INJURED  
 KILLED



| WEATHER AND LIGHT CONDITIONS – STATEWIDE TRAFFIC CRASHES |       |               |                 |       |               |
|----------------------------------------------------------|-------|---------------|-----------------|-------|---------------|
| WEATHER                                                  | FATAL | ALL ACCIDENTS | LIGHT           | FATAL | ALL ACCIDENTS |
| Fog                                                      | .5%   | 1.1%          | Dusk<br>or Dawn | 3.4%  | 3.0%          |
| Snow                                                     | 2.1%  | .9%           |                 |       |               |
| Rain                                                     | 9.4%  | 4.8%          |                 |       |               |
| Cloudy                                                   | 29.5% | 31.5%         | Dark            | 31.9% | 57.1%         |
| Clear                                                    | 55.6% | 60.9%         |                 |       |               |
| Other                                                    | .5%   | .4%           |                 |       |               |
| Not Stated                                               | 2.4%  | .4%           | Daylight        | 64.7% | 39.9%         |



| STATEWIDE ACCIDENTS                               |           |       |
|---------------------------------------------------|-----------|-------|
| MISCELLANEOUS INFORMATION<br>IN KNOWN CASES       | ACCIDENTS |       |
|                                                   | FATAL     | ALL   |
| DRIVERS WITH PHYSICAL DEFECT.....                 | 0.2%      | 0.3%  |
| DEFECTIVE VEHICLES INVOLVED.....                  | 2.5%      | 0.6%  |
| OCCURRED IN TOWNS 2,500 TO 10,000 POPULATION..... | 11.9%     | 5.9%  |
| OCCURRED ON STATE HIGHWAYS.....                   | 20.2%     | 40.3% |
| OCCURRED ON U.S. HIGHWAYS.....                    | 10.7%     | 21.3% |
| OCCURRED ON COUNTY AND LOCAL ROADS .....          | 60.5%     | 24.6% |
| OCCURRED ON STRAIGHT ROAD.....                    | 86.6%     | 69.0% |
| OCCURRED ON LEVEL ROAD.....                       | 67.5%     | 53.3% |
| OCCURRED ON DRY ROAD.....                         | 72.4%     | 84.6% |
| OCCURRED AT INTERSECTION OF ROAD OR R.R.....      | 33.3%     | 22.2% |
| OCCURRED ON INTERSTATE HIGHWAYS.....              | 6.0%      | 11.4% |

# LOCATION OF THOSE KILLED

IN TRAFFIC ACCIDENTS



DRIVERS KILLED.....643



PASSENGERS KILLED.....269



PEDESTRIANS KILLED..... 128

— ALL OTHERS KILLED.....15 —

## PEDESTRIAN INFORMATION

| PEDESTRIAN ACTION                 | RURAL  |         | URBAN  |         | TOTAL  |         |
|-----------------------------------|--------|---------|--------|---------|--------|---------|
|                                   | KILLED | INJURED | KILLED | INJURED | KILLED | INJURED |
| CROSS AT CROSSWALK .....          | 4      | 68      | 16     | 632     | 20     | 700     |
| CROSS NOT AT CROSSWALK .....      | 23     | 148     | 30     | 583     | 53     | 731     |
| WALKING WITH TRAFFIC .....        | 5      | 35      | 3      | 53      | 8      | 88      |
| WALKING AGAINST TRAFFIC .....     | 2      | 17      | 6      | 38      | 8      | 55      |
| STANDING IN ROADWAY .....         | 6      | 39      | 7      | 77      | 13     | 116     |
| WORKING ON VEHICLE IN ROADWAY ... | 0      | 24      | 1      | 37      | 1      | 61      |
| OTHER WORK IN ROADWAY .....       | 0      | 2       | 1      | 18      | 1      | 20      |
| PLAYING IN ROADWAY .....          | 1      | 3       | 0      | 62      | 1      | 65      |
| OTHER IN ROADWAY .....            | 12     | 72      | 7      | 231     | 19     | 303     |
| NOT IN ROADWAY .....              | 3      | 37      | 0      | 46      | 3      | 83      |
| NOT STATED .....                  | 1      | 4       | 0      | 37      | 1      | 41      |
| TOTALS                            | 57     | 449     | 71     | 1,814   | 128    | 2,263   |
| PERCENTAGES                       | 44.5%  | 19.8%   | 55.5%  | 80.2%   |        |         |

## PEDESTRIANS BY AGE

| FATALITIES      |      |        |       |      |
|-----------------|------|--------|-------|------|
| AGE OF FATALITY | MALE | FEMALE | TOTAL | %    |
| 0 - 4           | 4    | 1      | 5     | 4.0  |
| 5 - 9           | 4    | 1      | 5     | 4.0  |
| 10 - 14         | 3    | 0      | 3     | 2.3  |
| 15 - 19         | 12   | 2      | 14    | 10.9 |
| 20 - 24         | 11   | 4      | 15    | 11.7 |
| 25 - 34         | 17   | 3      | 20    | 15.6 |
| 35 - 44         | 6    | 4      | 10    | 7.8  |
| 45 - 54         | 6    | 3      | 9     | 7.0  |
| 55 - 64         | 11   | 4      | 15    | 11.7 |
| 65 - 74         | 8    | 5      | 13    | 10.2 |
| 75 and older    | 13   | 6      | 19    | 14.8 |
| Not Stated      | 0    | 0      | 0     |      |
| TOTAL           | 95   | 33     | 128   |      |

## PEDESTRIANS BY AGE

| INJURIES        |       |        |       |      |
|-----------------|-------|--------|-------|------|
| AGE OF CASUALTY | MALE  | FEMALE | TOTAL | %    |
| 0 - 4           | 95    | 50     | 145   | 6.8  |
| 5 - 9           | 237   | 144    | 381   | 17.8 |
| 10 - 14         | 146   | 78     | 224   | 10.5 |
| 15 - 19         | 148   | 109    | 257   | 12.0 |
| 20 - 24         | 164   | 67     | 231   | 10.8 |
| 25 - 34         | 224   | 101    | 325   | 15.2 |
| 35 - 44         | 82    | 61     | 143   | 6.7  |
| 45 - 54         | 62    | 45     | 107   | 5.0  |
| 55 - 64         | 66    | 29     | 95    | 4.6  |
| 65 - 74         | 34    | 55     | 89    | 4.2  |
| 75 and older    | 34    | 46     | 80    | 3.7  |
| Not Stated      | 40    | 18     | 58    | 2.7  |
| TOTAL           | 1,332 | 803    | 2,135 |      |

| DRINKING DRIVERS INVOLVED IN ACCIDENTS |                           |                        |                      |                        |                         |                       |
|----------------------------------------|---------------------------|------------------------|----------------------|------------------------|-------------------------|-----------------------|
| AGE OF DRIVER                          | HOUR OF OCCURRENCE        |                        |                      |                        |                         |                       |
|                                        | MID-NIGHT<br>TO<br>4 A.M. | 5 A.M.<br>TO<br>8 A.M. | 9 A.M.<br>TO<br>NOON | 1 P.M.<br>TO<br>5 P.M. | 6 P.M.<br>TO<br>11 P.M. | UN -<br>KNOWN<br>TIME |
| AGES 15 AND YOUNGER                    | 13                        | 0                      | 2                    | 3                      | 11                      | 0                     |
| AGES 16 TO 24                          | 3,270                     | 264                    | 259                  | 867                    | 2,847                   | 43                    |
| AGES 25 TO 34                          | 1,705                     | 160                    | 202                  | 742                    | 2,037                   | 22                    |
| AGES 35 TO 44                          | 602                       | 74                     | 115                  | 412                    | 1,007                   | 16                    |
| AGES 45 TO 54                          | 292                       | 38                     | 102                  | 362                    | 711                     | 22                    |
| AGES 55 TO 64                          | 137                       | 32                     | 86                   | 283                    | 360                     | 4                     |
| AGES 65 AND OVER                       | 87                        | 25                     | 93                   | 205                    | 223                     | 6                     |
| TOTAL                                  | 6,106                     | 593                    | 859                  | 2,874                  | 7,196                   | 113                   |

### DRINKING DRIVERS AND ACCIDENTS

Whether or not a driver has been drinking cannot always be determined at the scene of an accident. It is generally impossible to determine the drivers who have had one or a few drinks; yet, these drivers may be as much of a hazard as the obvious drunk. Because of the time lapse from the moment of occurrence until an officer arrives at the scene to make the investigation, a driver's condition concerning drinking can change a great deal. In cases where the driver may have been removed to a hospital, doctor's office, or funeral home, his condition may never be determined.

#### FATAL TRAFFIC CRASHES:

Involving Drinking Drivers..... 267  
 Involving Drivers Not Drinking..... 282  
 Information Not Known..... 381

#### IN KNOWN CASES:

**48.6 out of every 100 fatal accidents involved drinking.**

#### ALL TRAFFIC CRASHES:

Involving Drinking Drivers..... 16,562  
 Involving Drivers Not Drinking..... 108,885  
 Information Not Known..... 14,864

#### IN KNOWN CASES:

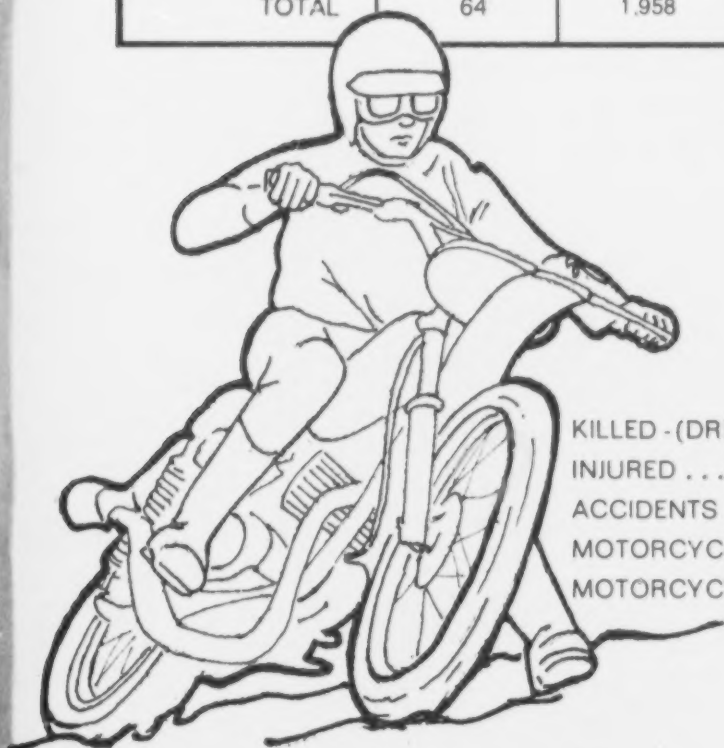
**13.2 out of every 100 traffic accidents in the State involved drinking.**

**In Rural accidents, 18.5 out of every 100 traffic accidents involved drinking.**



# MOTORCYCLE STATISTICS

| MOTORCYCLE OPERATORS |                |          |                 |
|----------------------|----------------|----------|-----------------|
| AGE OF OPERATOR      | KNOWN SEVERITY |          | NUMBER INVOLVED |
|                      | FATALITIES     | INJURIES |                 |
| 15 and Under         | 3              | 48       | 63              |
| 16 to 20             | 12             | 556      | 748             |
| 21 - 25              | 14             | 543      | 736             |
| 26 - 30              | 16             | 362      | 513             |
| 31 - 35              | 10             | 186      | 260             |
| 36 - 40              | 3              | 92       | 126             |
| 41 - 45              | 3              | 57       | 79              |
| 46 - 50              | 1              | 48       | 64              |
| 51 - 55              | 0              | 25       | 33              |
| 56 - 60              | 0              | 18       | 21              |
| 61 - 65              | 0              | 7        | 11              |
| 66 and Over          | 1              | 11       | 14              |
| Age Unknown          | 1              | 5        | 21              |
| TOTAL                | 64             | 1,958    | 2,689           |



## STATE TOTALS

KILLED - (DRIVERS AND PASSENGERS) ..... 72  
 INJURED ..... 2,261  
 ACCIDENTS ..... 2,758  
 MOTORCYCLES REGISTERED ..... 142,488  
 MOTORCYCLE QUALIFIED DRIVERS .... 226,833

# URBAN TRAFFIC FATALITIES

| CITY               | 1978 | 1979 | 1980 | 1981 | CITY            | 1978 | 1979 | 1980 | 1981 |
|--------------------|------|------|------|------|-----------------|------|------|------|------|
| Arnold             | 1    | 5    | 0    | 4    | Liberty         | 2    | 3    | 4    | 3    |
| Aurora             | 2    | 1    | 0    | 0    | Macon           | 0    | 1    | 1    | 0    |
| Ballwin            | 1    | 0    | 0    | 0    | Malden          | 0    | 0    | 1    | 0    |
| Bellefont. Nbrs.   | 2    | 1    | 6    | 3    | Marshall        | 2    | 1    | 0    | 3    |
| Bel-Ridge          | 0    | 1    | 1    | 0    | Maryville       | 0    | 0    | 0    | 2    |
| Belton             | 1    | 1    | 2    | 0    | Mexico          | 0    | 2    | 2    | 0    |
| Berkeley           | 3    | 1    | 2    | 8    | Moberly         | 2    | 2    | 1    | 2    |
| Blue Springs       | 0    | 1    | 3    | 0    | Monett          | 0    | 1    | 1    | 4    |
| Boonville          | 0    | 0    | 1    | 0    | Neosho          | 0    | 2    | 1    | 2    |
| Breckenridge Hills | 0    | 0    | 0    | 1    | Nevada          | 0    | 1    | 2    | 1    |
| Brentwood          | 3    | 0    | 0    | 1    | Normandy        | 0    | 0    | 0    | 1    |
| Bridgeton          | 2    | 5    | 10   | 7    | N. Kansas City  | 3    | 0    | 1    | 0    |
| Brookfield         | 0    | 1    | 0    | 2    | Northwoods      | 1    | 0    | 0    | 0    |
| Cape Girardeau     | 1    | 4    | 4    | 1    | O'Fallon        | 3    | 4    | 4    | 3    |
| Carthage           | 4    | 0    | 3    | 0    | Olivette        | 2    | 0    | 0    | 0    |
| Charleston         | 0    | 1    | 1    | 0    | Overland        | 2    | 2    | 1    | 1    |
| Chillicothe        | 0    | 1    | 1    | 0    | Pagedale        | 0    | 1    | 2    | 1    |
| Clayton            | 0    | 1    | 1    | 1    | Perryville      | 1    | 1    | 0    | 1    |
| Clinton            | 0    | 1    | 0    | 0    | Pine Lawn       | 0    | 0    | 1    | 0    |
| Columbia           | 2    | 6    | 5    | 12   | Poplar Bluff    | 2    | 2    | 2    | 0    |
| Creve Coeur        | 7    | 0    | 2    | 2    | Raytown         | 0    | 0    | 1    | 2    |
| DeSoto             | 0    | 0    | 1    | 1    | Richmond Hgts.  | 1    | 1    | 3    | 2    |
| Des Peres          | 4    | 0    | 0    | 5    | Rolla           | 0    | 2    | 2    | 2    |
| Dexter             | 1    | 1    | 0    | 0    | Saint Ann       | 1    | 1    | 1    | 1    |
| Farmington         | 0    | 1    | 2    | 1    | Saint Charles   | 6    | 5    | 9    | 3    |
| Ferguson           | 0    | 2    | 2    | 4    | Saint John      | 1    | 0    | 0    | 1    |
| Festus             | 1    | 0    | 0    | 0    | Saint Joseph    | 11   | 4    | 7    | 8    |
| Florissant         | 5    | 3    | 2    | 2    | Saint Louis     | 66   | 60   | 65   | 54   |
| Fulton             | 1    | 2    | 1    | 0    | Saint Peters    | 0    | 1    | 3    | 1    |
| Gladstone          | 2    | 0    | 0    | 0    | Sedalia         | 2    | 0    | 1    | 1    |
| Glendale           | 1    | 0    | 0    | 0    | Shrewsbury      | 2    | 0    | 0    | 0    |
| Grandview          | 2    | 2    | 0    | 0    | Sikeston        | 1    | 1    | 1    | 2    |
| Hannibal           | 1    | 2    | 1    | 2    | Springfield     | 22   | 13   | 18   | 17   |
| Harrisonville      | 1    | 0    | 1    | 1    | Trenton         | 2    | 0    | 0    | 0    |
| Hazelwood          | 4    | 2    | 4    | 2    | University City | 2    | 4    | 1    | 3    |
| Independence       | 17   | 19   | 16   | 12   | Warrensburg     | 0    | 0    | 0    | 1    |
| Jackson            | 1    | 1    | 1    | 0    | Washington      | 2    | 0    | 0    | 1    |
| Jefferson City     | 4    | 5    | 2    | 5    | Webb City       | 1    | 0    | 2    | 1    |
| Jennings           | 1    | 0    | 0    | 1    | Webster Groves  | 3    | 7    | 2    | 2    |
| Joplin             | 6    | 5    | 7    | 8    | West Plains     | 2    | 2    | 1    | 2    |
| Kansas City        | 83   | 96   | 113  | 70   | Woodson Terr.   | 0    | 1    | 0    | 0    |
| Kinloch            | 0    | 0    | 1    | 0    |                 |      |      |      |      |
| Kirksville         | 0    | 3    | 1    | 3    |                 |      |      |      |      |
| Kirkwood           | 1    | 1    | 1    | 6    | TOTALS          | 320  | 309  | 344  | 305  |
| Ladue              | 1    | 1    | 0    | 1    |                 |      |      |      |      |
| Lebanon            | 1    | 1    | 1    | 4    |                 |      |      |      |      |
| Lee's Summit       | 7    | 6    | 4    | 5    |                 |      |      |      |      |
| Lexington          | 1    | 0    | 0    | 0    |                 |      |      |      |      |

# URBAN AND RURAL COMPARISON

| URBAN ACCIDENTS IN MISSOURI    |       |        |                |        |      |
|--------------------------------|-------|--------|----------------|--------|------|
| TYPE OF ACCIDENT               | FATAL | INJURY | PROP<br>DAMAGE | TOTAL  | %    |
| OVERTURNING                    | 14    | 525    | 387            | 926    | 0.9  |
| OTHER NON-COLLISION            | 5     | 350    | 656            | 1,011  | 1.0  |
| PEDESTRIAN                     | 68    | 1,534  | 23             | 1,625  | 1.7  |
| MOTOR VEHICLE IN TRANSPORT     | 87    | 14,966 | 49,999         | 65,052 | 66.9 |
| MOTOR VEHICLE ON OTHER ROADWAY | 8     | 93     | 186            | 287    | 0.3  |
| PARKED MOTOR VEHICLE           | 8     | 1,362  | 14,370         | 15,740 | 16.2 |
| RAILWAY TRAIN                  | 1     | 31     | 59             | 91     | 0.1  |
| PEDALCYCLIST                   | 7     | 731    | 139            | 877    | 0.9  |
| ANIMAL                         | 0     | 18     | 244            | 262    | 0.3  |
| FIXED OBJECT                   | 80    | 3,516  | 7,555          | 11,151 | 11.5 |
| OTHER OBJECT                   | 0     | 29     | 160            | 189    | 0.2  |
| TOTAL                          | 278   | 23,155 | 73,778         | 97,211 |      |
| PERCENTAGE                     | 0.3   | 23.8   | 75.9           |        |      |

| RURAL ACCIDENTS IN MISSOURI    |       |        |                |        |      |
|--------------------------------|-------|--------|----------------|--------|------|
| TYPE OF ACCIDENT               | FATAL | INJURY | PROP<br>DAMAGE | TOTAL  | %    |
| OVERTURNING                    | 85    | 1,777  | 1,429          | 3,291  | 7.6  |
| OTHER NON-COLLISION            | 2     | 173    | 758            | 933    | 2.2  |
| PEDESTRIAN                     | 54    | 303    | 4              | 361    | 0.8  |
| MOTOR VEHICLE IN TRANSPORT     | 246   | 6,394  | 14,939         | 21,579 | 50.1 |
| MOTOR VEHICLE ON OTHER ROADWAY | 13    | 57     | 129            | 199    | 0.5  |
| PARKED MOTOR VEHICLE           | 7     | 273    | 2,635          | 2,915  | 6.8  |
| RAILWAY TRAIN                  | 12    | 33     | 48             | 93     | 0.2  |
| PEDALCYCLIST                   | 7     | 150    | 27             | 184    | 0.4  |
| ANIMAL                         | 0     | 125    | 1,869          | 1,994  | 4.6  |
| FIXED OBJECT                   | 223   | 4,815  | 6,280          | 11,318 | 26.3 |
| OTHER OBJECT                   | 3     | 30     | 200            | 233    | 0.5  |
| TOTAL                          | 652   | 14,130 | 28,318         | 43,100 |      |
| PERCENTAGE                     | 1.5   | 32.8   | 65.7           |        |      |

|           | 1980   | 1981   |
|-----------|--------|--------|
| KILLED    | 847    | 752    |
| INJURED   | 22,262 | 22,738 |
| ACCIDENTS | 42,178 | 43,100 |



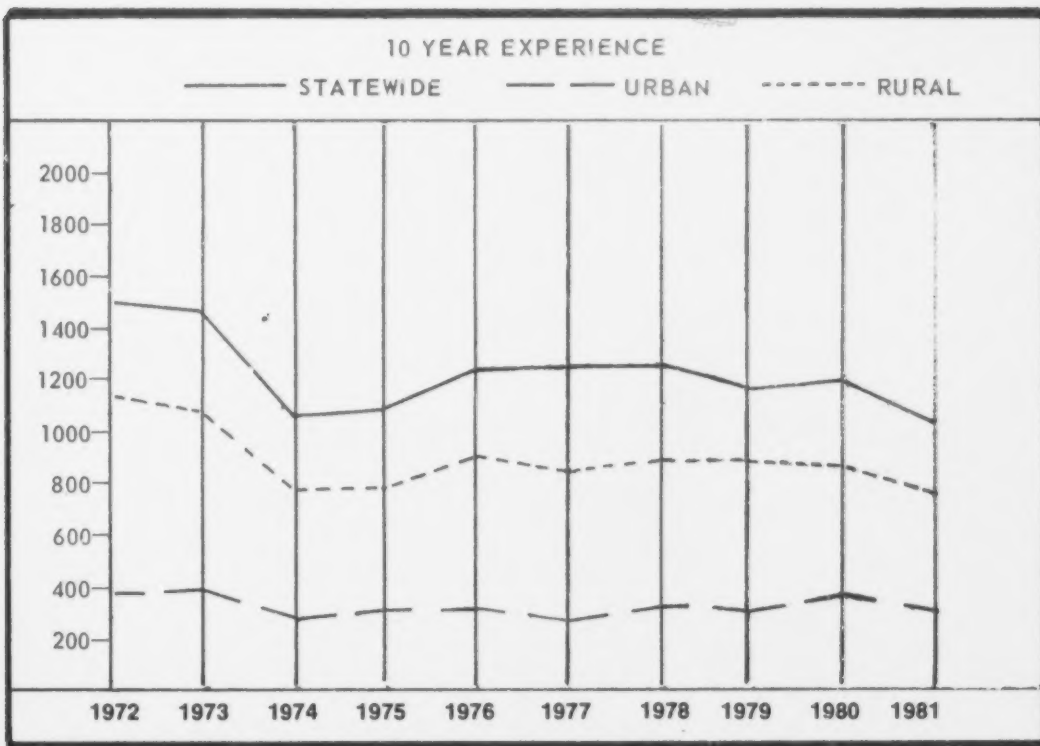
**RURAL TRAFFIC DEATHS, INJURIES AND ACCIDENTS** - The information on this map is for deaths, injuries and accidents that are classified as rural. The classification includes all accidents on highways outside of cities and accidents that occur within cities of less than 5,000 population. Accidents occurring within cities of 5,000 or more population are classified as urban.

The first of the three numbers shown is deaths; the second, injuries; and the third, accidents. The first two numbers pertain to people; the third to accidents. In other words, if the first number is 5, it indicates five deaths, not five fatal accidents. The same is true for injuries.

# MISSOURI TRAFFIC DEATHS HISTORY

10 Year Experience

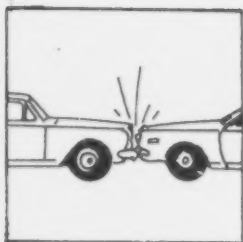
| YEAR | STATEWIDE | RURAL | URBAN |
|------|-----------|-------|-------|
| 1972 | 1,482     | 1,123 | 359   |
| 1973 | 1,452     | 1,079 | 373   |
| 1974 | 1,046     | 778   | 268   |
| 1975 | 1,075     | 774   | 301   |
| 1976 | 1,209     | 886   | 323   |
| 1977 | 1,211     | 847   | 364   |
| 1978 | 1,224     | 904   | 320   |
| 1979 | 1,162     | 853   | 309   |
| 1980 | 1,191     | 847   | 344   |
| 1981 | 1,055     | 752   | 303   |



# MISSOURI ACCIDENTS

TOTAL ACCIDENTS ..... 140,311  
 TOTAL FATAL ACCIDENTS ..... 930  
 TOTAL PERSONS KILLED ..... 1,055

\*THE TYPE OF ACCIDENT IS DETERMINED BY  
 THE FIRST HARMFUL EVENT



## COLLISION WITH: MOTOR VEHICLE IN TRANSPORT

86,631 accidents ..... 61.74%  
 410 fatalities



## COLLISION WITH: FIXED OBJECT

22,469 accidents ..... 16.01%  
 326 fatalities



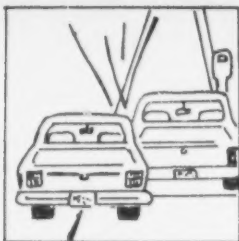
## NON-COLLISION OVERTURNING

4,217 accidents ..... 3.01%  
 103 fatalities



## COLLISION WITH: ANIMAL

2,256 accidents ..... 1.61%  
 0 fatalities



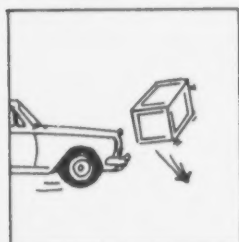
## COLLISION WITH: MOTOR VEHICLE PARKED

18,655 accidents ..... 13.30%  
18 fatalities



## OTHER NON-COLLISION

1,944 accidents ..... 1.38%  
7 fatalities



## COLLISION WITH: OTHER OBJECT

422 accidents ..... 0.30%  
3 fatalities



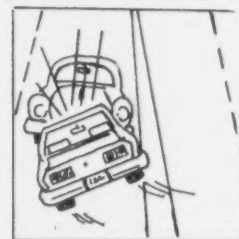
## COLLISION WITH: PEDESTRIAN

1,986 ..... 1.42%  
\*122 fatalities



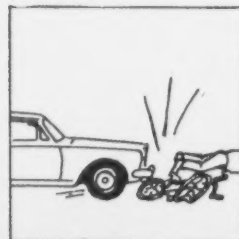
## COLLISION WITH: RAILROAD TRAIN

184 accidents ..... 0.13%  
15 fatalities



## COLLISION WITH: MOTOR VEHICLE ON OTHER ROADWAY

486 accidents ..... 0.34%  
36 fatalities

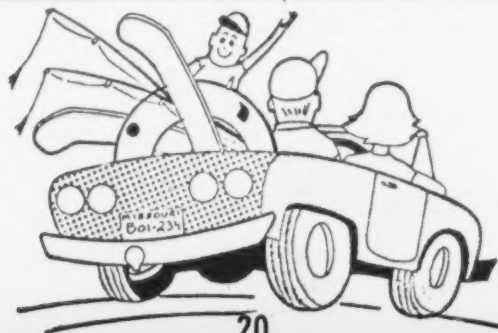


## COLLISION WITH: BICYCLE (PEDAL VEHICLE)

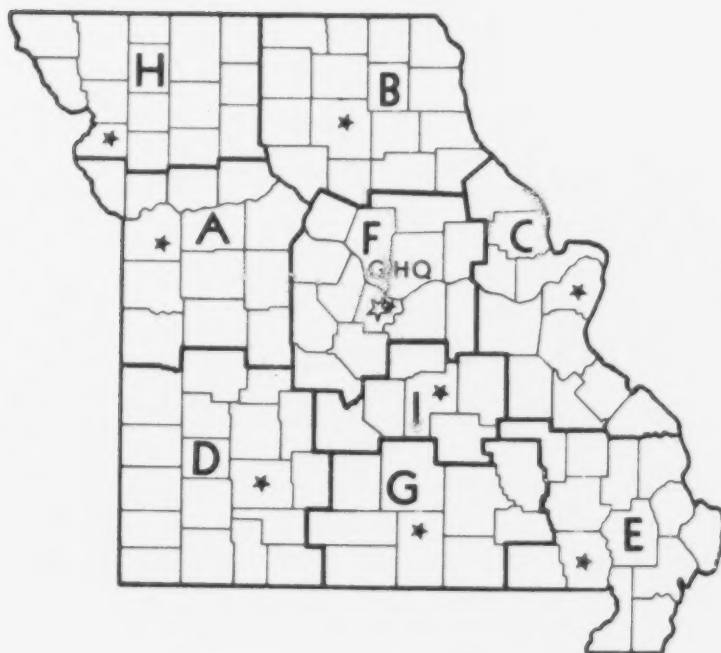
1,061 accidents ..... 0.76%  
15 fatalities

# MISSOURI HOLIDAY FATALITIES

| HOLIDAY      | YEAR | KILLED | PERIOD                                                                        |
|--------------|------|--------|-------------------------------------------------------------------------------|
| Memorial Day | 1980 | 12     | From 6:00 p.m., Friday, May 23, to midnight, Monday, May 26.                  |
| Memorial Day | 1981 | 15     | From 6:00 p.m., Friday, May 22, to midnight, Monday, May 25.                  |
| 4th of July  | 1980 | 20     | From 6:00 p.m., Thursday, July 3, to midnight, Sunday, July 6.                |
| 4th of July  | 1981 | 23     | From 6:00 p.m., Thursday, July 2, to midnight, Sunday, July 5.                |
| Labor Day    | 1980 | 8      | From 6:00 p.m., Friday, August 29, to midnight, Monday, September 1.          |
| Labor Day    | 1981 | 17     | From 6:00 p.m., Friday, September 4, to midnight, Monday, September 7.        |
| Thanksgiving | 1980 | 22     | From 6:00 p.m., Wednesday, November 26, to midnight, Sunday, November 30.     |
| Thanksgiving | 1981 | 14     | From 6:00 p.m., Wednesday, November 25, to midnight, Sunday, November 29.     |
| Christmas    | 1980 | 12     | From 6:00 p.m., Wednesday, December 24, to midnight, Sunday, December 28.     |
| Christmas    | 1981 | 9      | From 6:00 p.m., Thursday, December 24, to midnight, Sunday, December 27.      |
| New Year     | 1980 | 12     | From 6:00 p.m., Wednesday, December 31, to midnight, Sunday, January 4, 1981. |
| New Year     | 1981 | 7      | From 6:00 p.m., Thursday, December 31, to midnight, Sunday, January 3, 1982.  |



MISSOURI HIGHWAY PATROL  
TROOP AREA MAP



| TROOP | HEADQUARTERS   | area code | TELEPHONE NO. |
|-------|----------------|-----------|---------------|
| GHQ   | Jefferson City | (314)     | 751-3313      |
| A     | Lee's Summit   | (816)     | 524-1407      |
| B     | Macon          | (816)     | 385-2132      |
| C     | Kirkwood       | (314)     | 434-5500      |
| D     | Springfield    | (417)     | 869-1525      |
| E     | Poplar Bluff   | (314)     | 785-5757      |
| F     | Jefferson City | (314)     | 636-5171      |
| G     | Willow Springs | (417)     | 469-3121      |
| H     | St. Joseph     | (816)     | 233-0291      |
| I     | Rolla          | (314)     | 364-1215      |